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**From:** Yap-deffler, Yazmine [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=000003B1FC74446480B16241E27DE52A-YYAPDEFF]  
**Sent:** 7/21/2020 4:21:15 PM  
**To:** Hirsh, Steven [Hirsh.Steven@epa.gov]  
**Subject:** RE: PFAS

## BLADES GROUNDWATER SITE

Upon EPA review of a site closeout report for the Blades GW site, EPA identified new information that Per- and polyfluoroalkyl substances (PFAS) compounds were used at a former chrome-plating facility and that could potentially affect municipal drinking water wells and residential wells near the site investigation area. Based on EPA's discovery, the site remained open and sampling was conducted by the Delaware Department of Natural Resources and Environmental Control (DNREC) and confirmed the presence of PFAS contamination in municipal drinking water wells above the Health Advisory Level. This led to immediate response actions by DNREC to address the PFAS contamination detected in the public water supply of Blades, Sussex County, DE. EPA worked closely with DNREC, other state and local agencies, and rapidly assessed and expedited several immediate investigative actions at Blades. A coordinated response effort was performed: EPA immediately conducted residential well assessments to determine if any residential wells near the former chrome-plating facility have been impacted by PFAS. Concurrently, DNREC coordinated response actions to providing the Town of Blades an alternate source of safe drinking water. PFAS response actions are complicated because they pose a threat to a large community drinking water supply. Given the complexity of coordinating response actions with various government agencies, EPA also provided technical, risk communication, and public meeting support to the State regarding PFAS. EPA's actions and partnership with DNREC resulted in providing safe drinking water to the Town of Blades. EPA's diligent collaboration and partnership with Delaware successfully propose the Blades Groundwater site to the NPL.

Let me know if you have any questions.

Yaz

**Yazmine J. Yap-Deffler, Chief**  
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**From:** Hirsh, Steven <Hirsh.Steven@epa.gov>  
**Sent:** Tuesday, July 21, 2020 11:35 AM  
**To:** Yap-deffler, Yazmine <Yap-Deffler.Yazmine@epa.gov>  
**Subject:** FW: PFAS

Can you send me what we have on Blades? Due today.

Thanks  
Steve

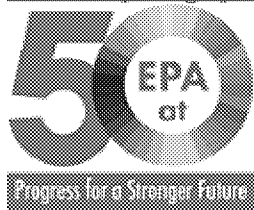
Steven Hirsh, Chief  
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US EPA Region III

Desk: (215) 814-3352 Cell: (215) 514-9015  
[hirsh.steven@epa.gov](mailto:hirsh.steven@epa.gov)

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**From:** Leonard, Paul <[leonard.paul@epa.gov](mailto:leonard.paul@epa.gov)>  
**Sent:** Tuesday, July 21, 2020 11:34 AM  
**To:** Hirsh, Steven <[Hirsh.Steven@epa.gov](mailto:Hirsh.Steven@epa.gov)>  
**Subject:** FW: PFAS

Paul Leonard, Director  
Superfund and Emergency  
Management Division  
USEPA Region 3  
Philadelphia, PA 19103  
215 814 3350  
[Leonard.paul@epa.gov](mailto:Leonard.paul@epa.gov)



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**From:** Fields, Jenifer <[fields.jenifer@epa.gov](mailto:fields.jenifer@epa.gov)>  
**Sent:** Tuesday, July 21, 2020 11:08 AM  
**To:** Leonard, Paul <[leonard.paul@epa.gov](mailto:leonard.paul@epa.gov)>  
**Subject:** RE: PFAS

Today...

Jenifer Fields, Chief of Staff  
EPA Region 3 (3RA00)  
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Philadelphia, PA 19103  
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**From:** Leonard, Paul <[leonard.paul@epa.gov](mailto:leonard.paul@epa.gov)>  
**Sent:** Tuesday, July 21, 2020 11:07 AM  
**To:** Fields, Jenifer <[fields.jenifer@epa.gov](mailto:fields.jenifer@epa.gov)>  
**Subject:** RE: PFAS

Good morning. Thinking about Blades DE. When do you need it?

Paul Leonard, Director  
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215 814 3350  
[Leonard.paul@epa.gov](mailto:Leonard.paul@epa.gov)



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**From:** Fields, Jenifer <[fields.jenifer@epa.gov](mailto:fields.jenifer@epa.gov)>  
**Sent:** Tuesday, July 21, 2020 9:00 AM  
**To:** Leonard, Paul <[leonard.paul@epa.gov](mailto:leonard.paul@epa.gov)>  
**Subject:** PFAS

Hi Paul,

Is there a good success/partnership story re: PFAS that you'd like to highlight? Do we have an existing write-up?

Thanks

Jen

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